See the site. Understand the detail.

ArkRockTech turns drone imagery into textured 3D models, point clouds and browser-based reports for buildings, industrial sites and infrastructure. We connect the reconstruction to its source photographs so project teams can explore the site and review the evidence in one place.

CORE CAPABILITIES

01

Textured 3D reconstruction

Turn overlapping drone photographs into a textured model for site context, asset documentation and visual review.

Interactive 3D mesh, with desktop exports by project scope

02

Browser-based project reports

Bring the 3D model, source photographs and processing notes together. Customers open their report link without installing software or creating an account.

A customer report link with a 3D viewer and photo evidence

03

Photogrammetry point clouds

Explore reconstructed geometry as a coloured point cloud. Use the cloud alongside photographs and the mesh to understand coverage and surface detail.

Browser point-cloud view and LAS export by project scope

04

Building visual-review support

Organise roof, facade and equipment imagery for review. Record observations against source evidence and identify areas that need a closer look.

Photo evidence and an inspection register where commissioned

FROM CAPTURE TO REVIEW

A clear path to the result.

01

Define the brief

Agree on the site, target structure, intended use and deliverables.

02

Assess the imagery

Review capture coverage and alignment before detailed reconstruction.

03

Reconstruct and check

Generate the model and agreed outputs, then check processing and delivery integrity.

04

Explore and review

Open the customer report, navigate the 3D result and compare it with source photographs.

AGREED SCOPE AND PILOT WORK

Mapping and terrain outputs (By project scope)

Plan suitable aerial capture for orthomosaics and elevation products. Output selection depends on the image coverage, coordinate requirements and project brief.

Building-focused reconstruction (Pilot workflow)

Review a proposed building boundary before detailed reconstruction. Our tested spatial-crop workflow retains the main structure and selected attachments; objects inside the boundary can remain.

CUSTOMERS AND EMPLOYEES

Customers open a signed report link without login. Employees sign in with their company account to manage jobs and create customer links.

OUTPUTS BY PROJECT SCOPE

3D Tiles / OBJ / OSGB / LAS / PLY / GeoTIFF

Deliverables depend on the agreed scope and suitable source imagery. Image alignment and visual clarity do not establish survey accuracy or certify building condition. Measurement accuracy and professional inspection requirements must be agreed separately.